

31853.926 - 040502

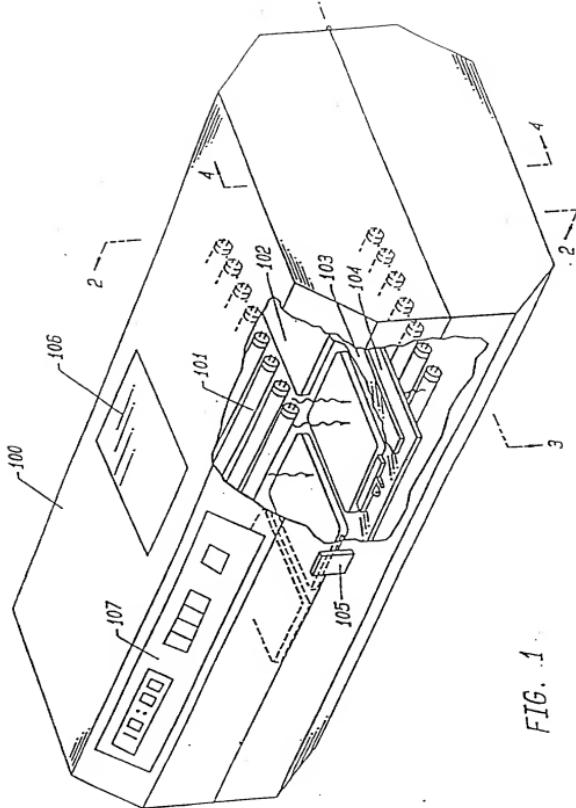


FIG. 1

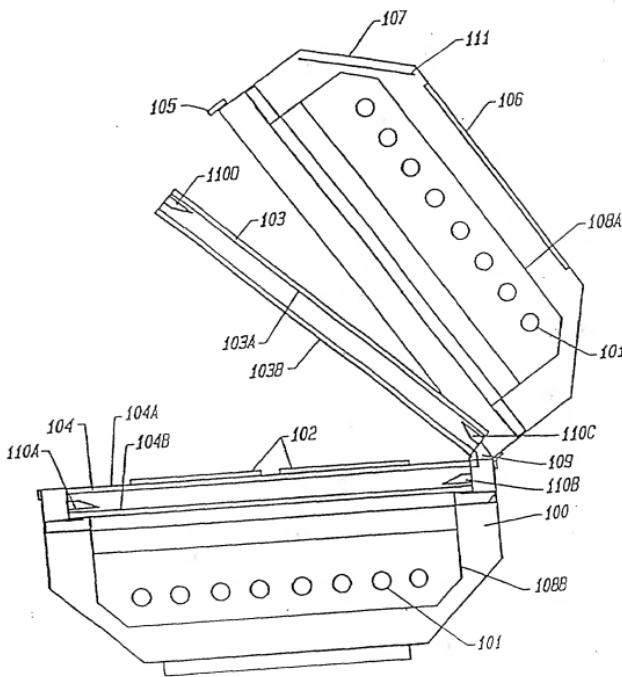


FIG. 2

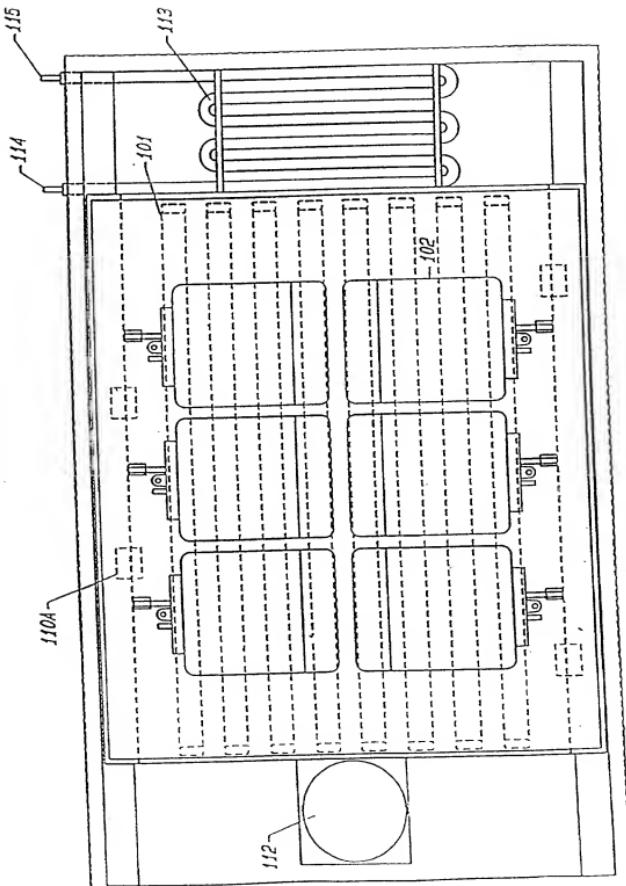


FIG. 3

40051976-040502

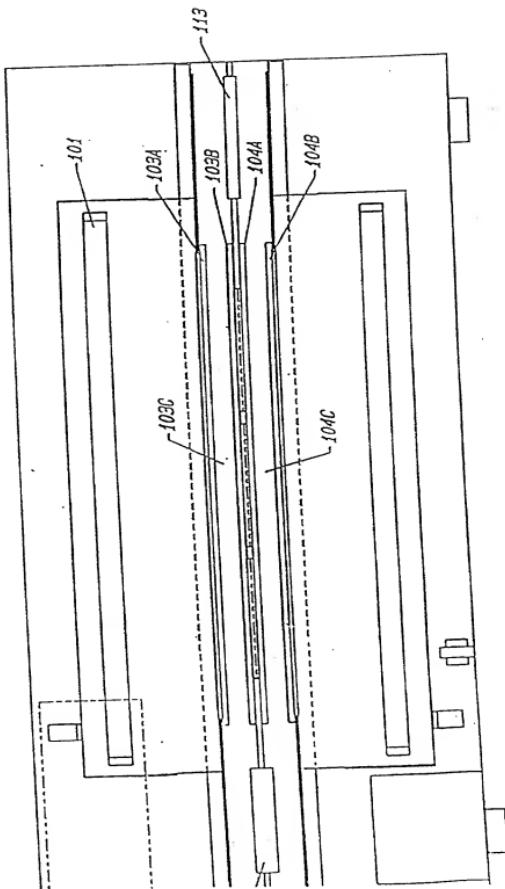


FIG. 4

Sheet 4 of 63

Document No.: 262172000902

Application No.: 10051976

Inventor(s): Derek J. Hill and George D. Cimino

BLOOD PRODUCTS

THE METHOD AND DEVICES FOR THE REMOVAL OF PSORALENS FROM

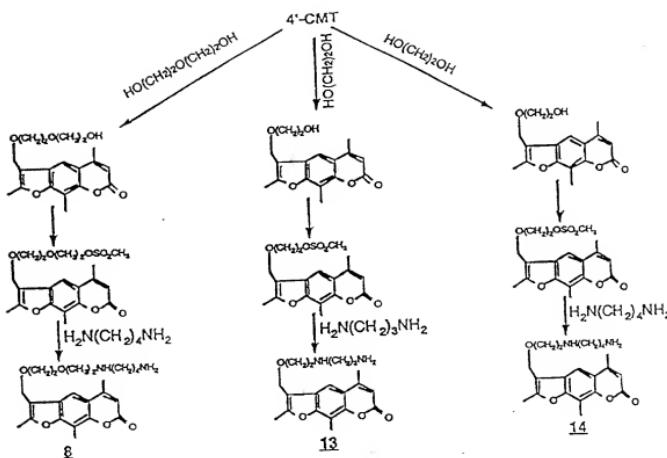


FIG. 5A

100054976-0140502

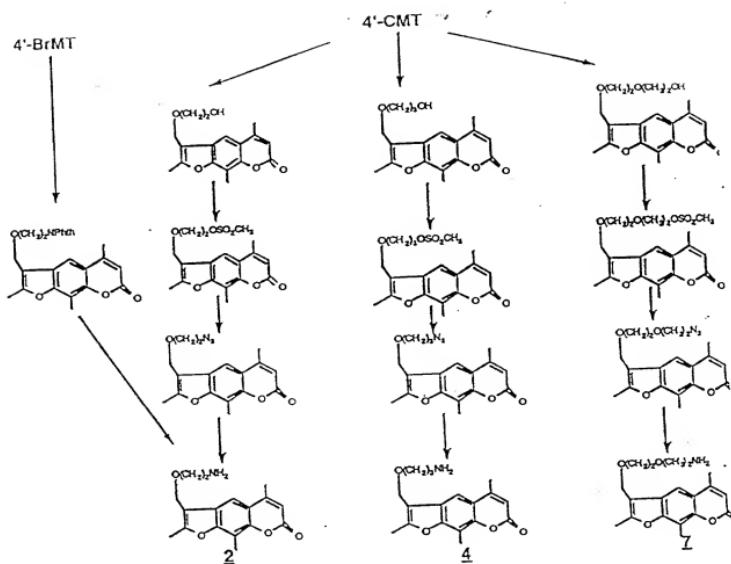


FIG. 5B

10051976-040502

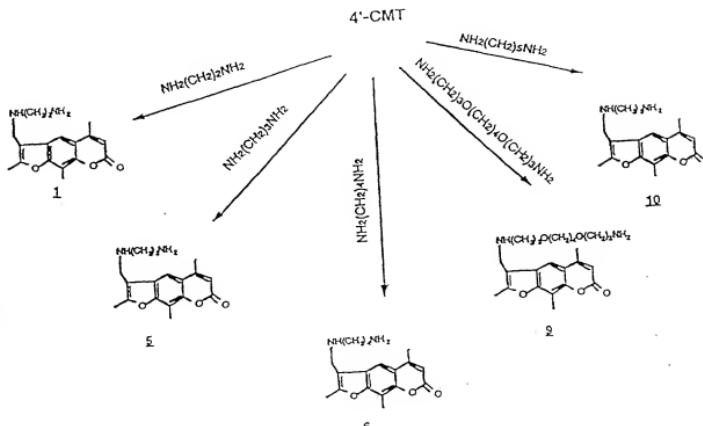


FIG. 5C

10051976-040502

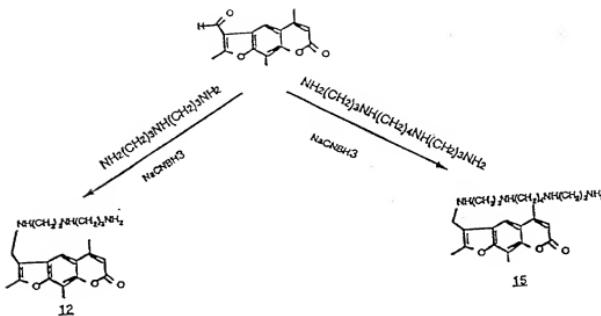


FIG. 5D

10051976-040502

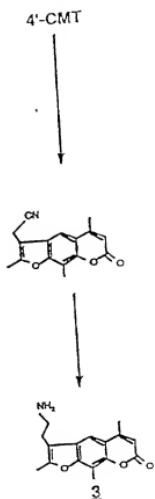


FIG. 5E

10051976-5-040526

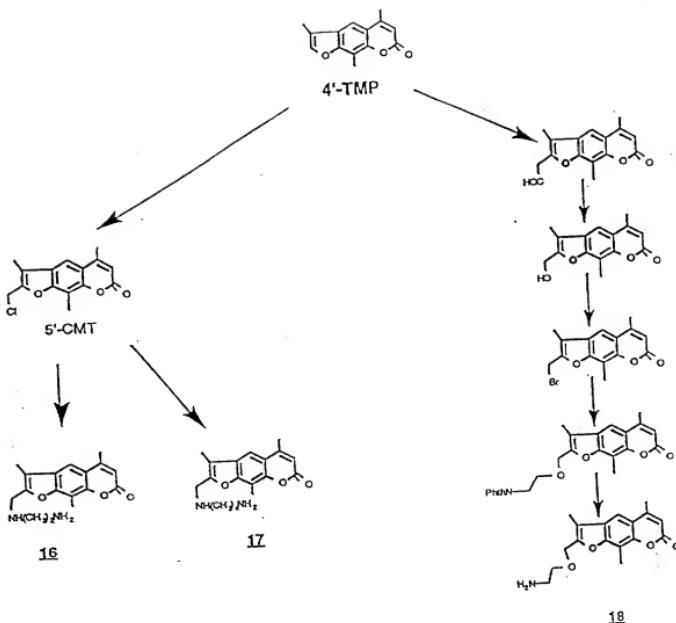


FIG. 5F

10051976 - 0405025

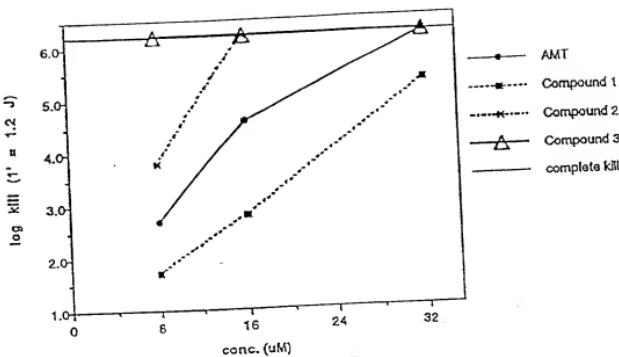


FIG. 6

100051976 - 040502

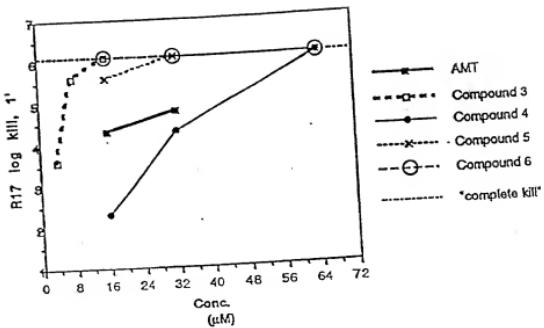


FIG. 7

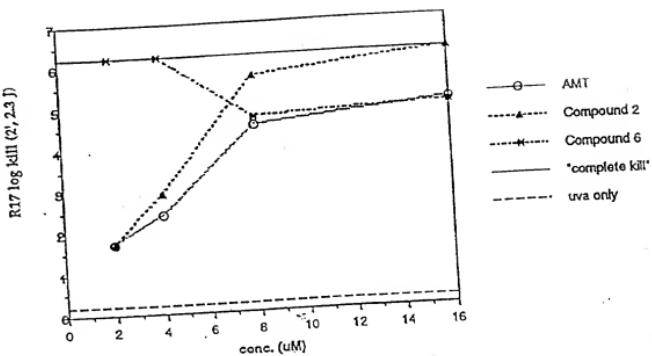


FIG. 8

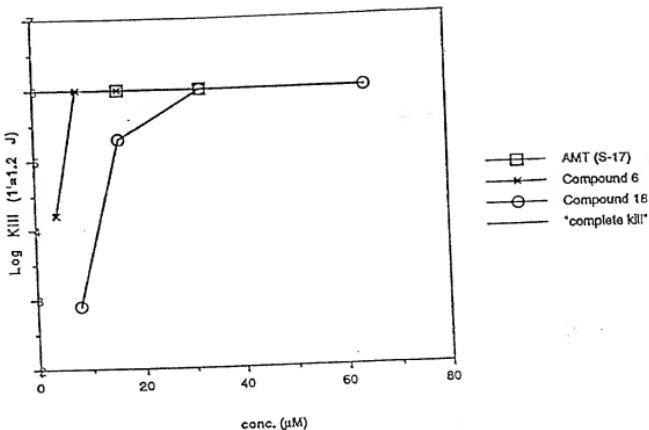


FIG. 9

1000519676 - 0405052

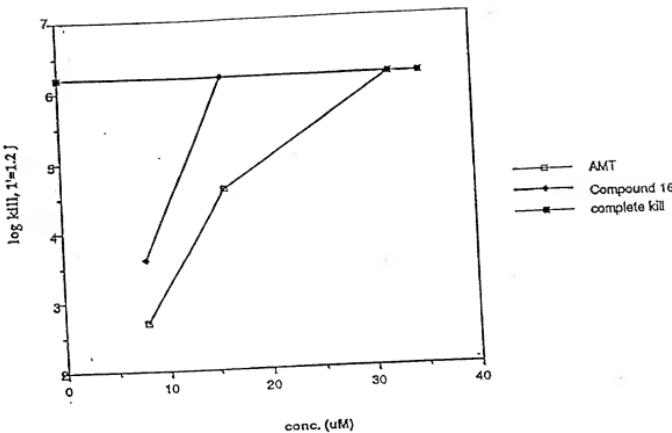


FIG. 10

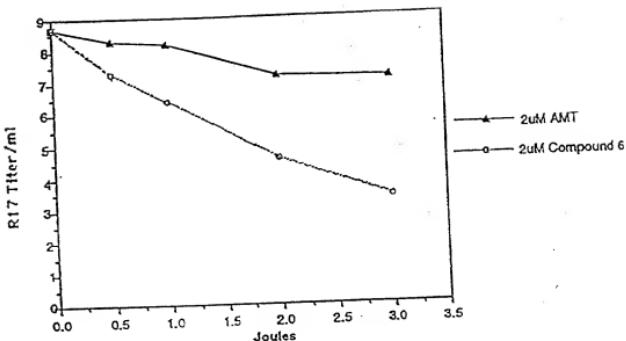


FIG. 11

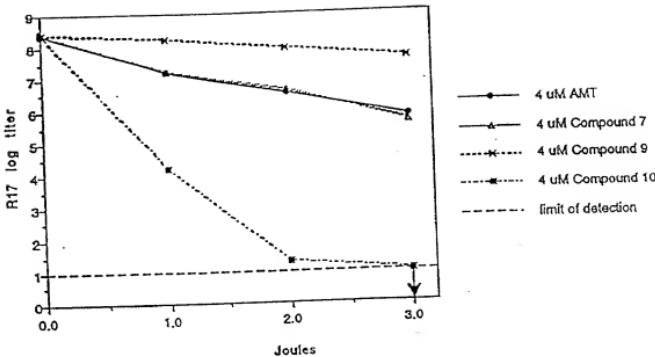


FIG. 12

205040-926TS007

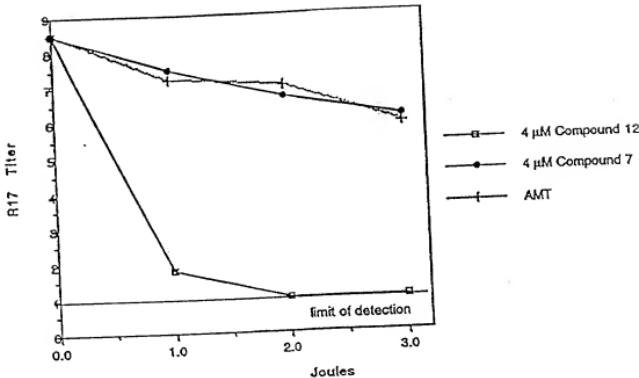


FIG. 13

100051976-0405040

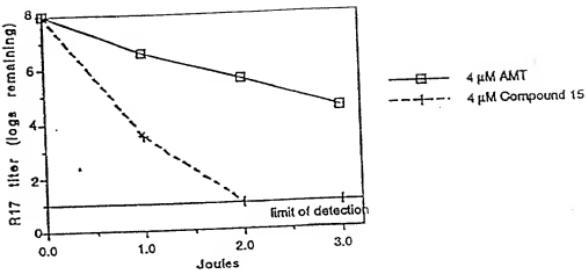


FIG. 14

1005176-9-040502

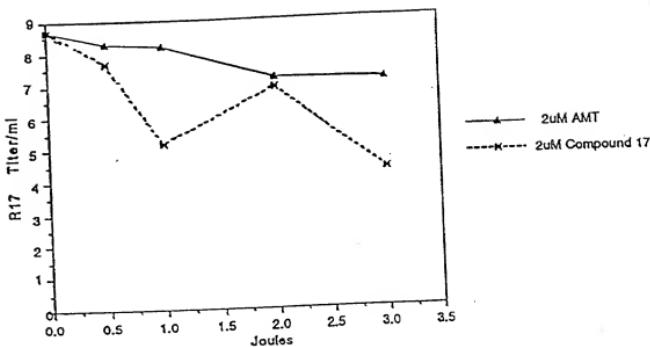


FIG. 15

2025040 "947675000T"

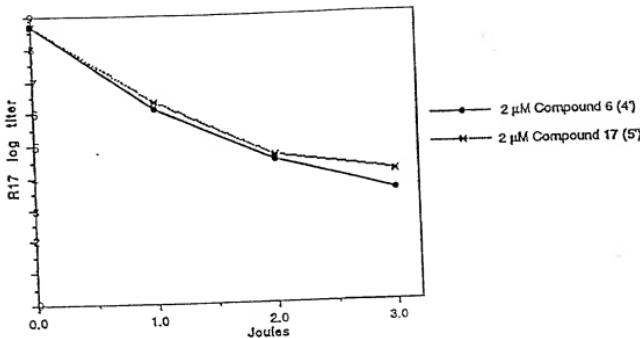


FIG. 16

100054975-040502

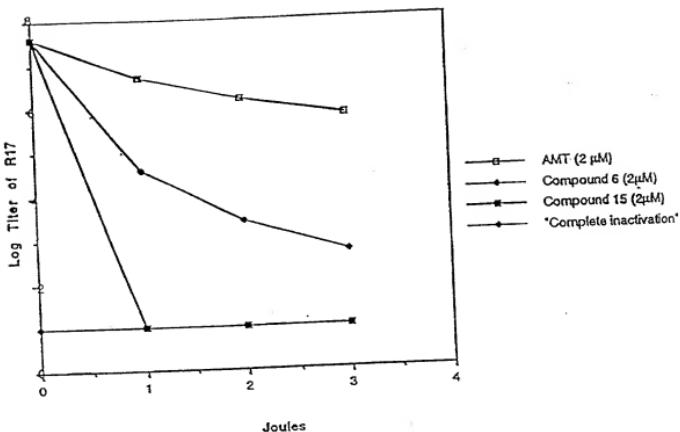


FIG. 17

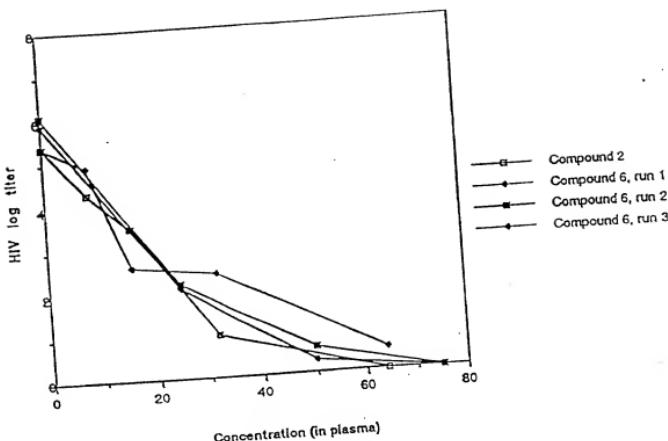


FIG. 18

10051976-040502

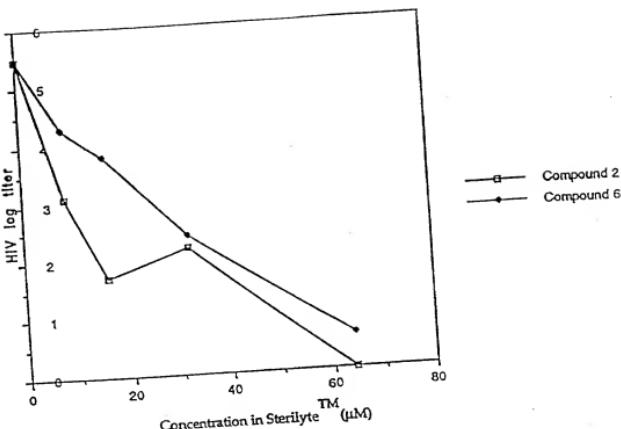


FIG. 19

200504-040500-97655000

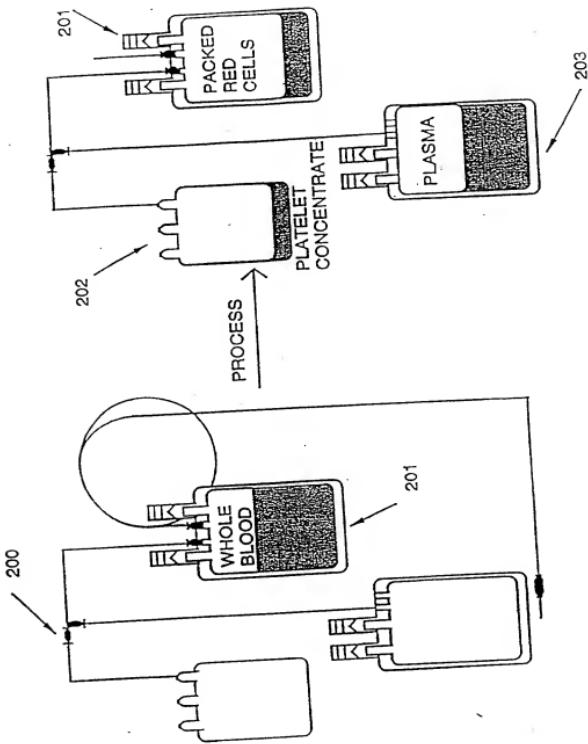
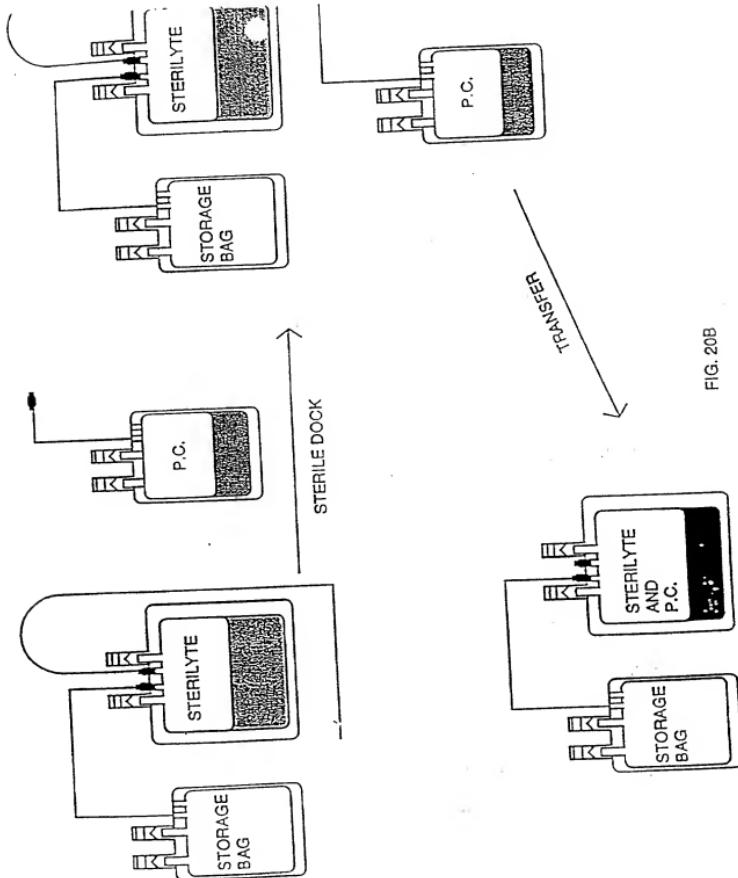


FIG. 20A

2005040-9465007



2025040 "94675907

205010 "9167500T

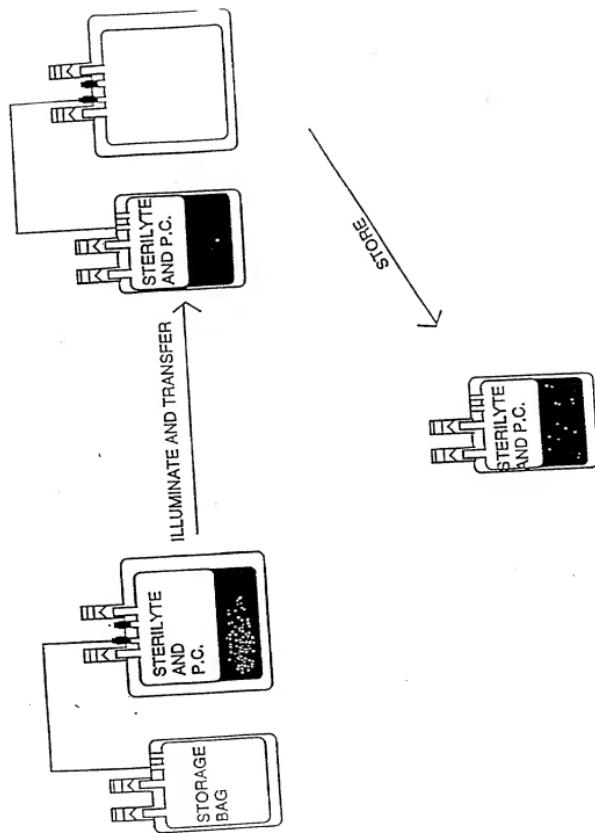


FIG. 20C

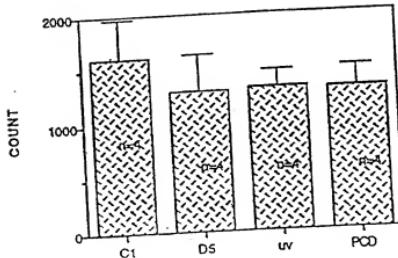


FIGURE 21A

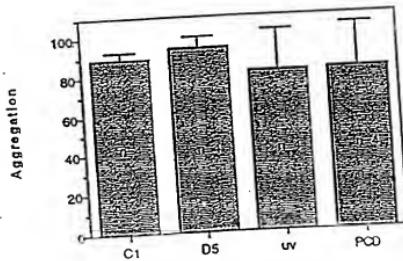


FIGURE 21B

10051976-04052

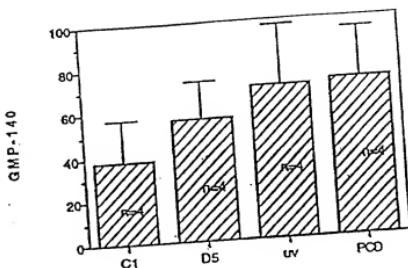


FIGURE 21C

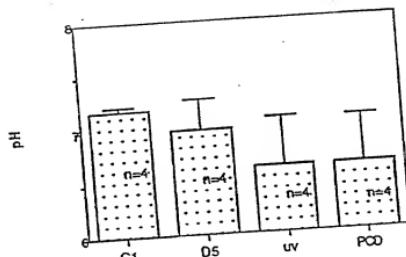


FIGURE 21D

10/051,976 - 040502

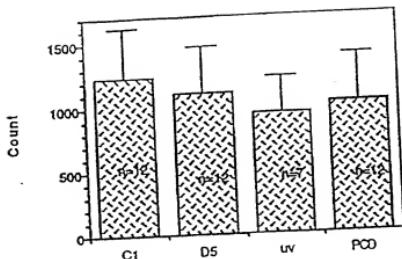


FIGURE 22A

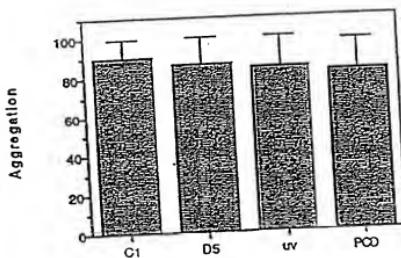


FIGURE 22B

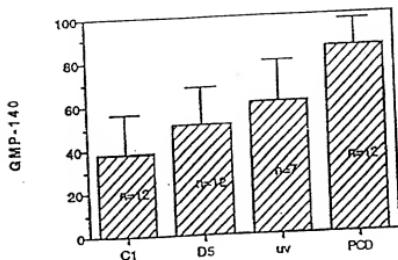


FIGURE 22C

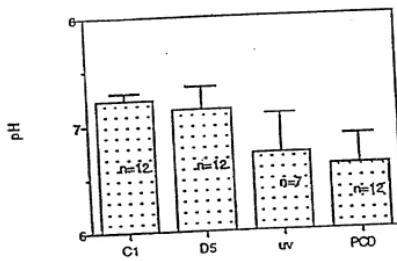


FIGURE 22D

100051976-040502

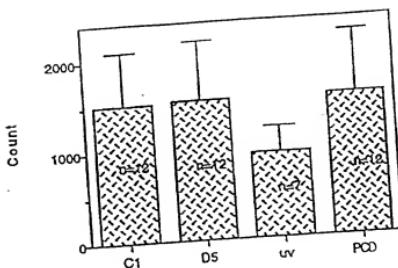


FIGURE 23A

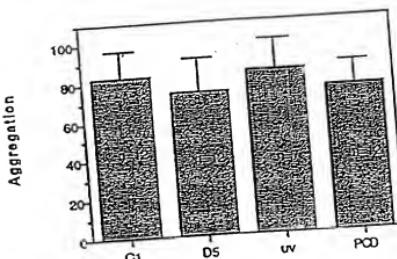


FIGURE 23B

205040-97675007

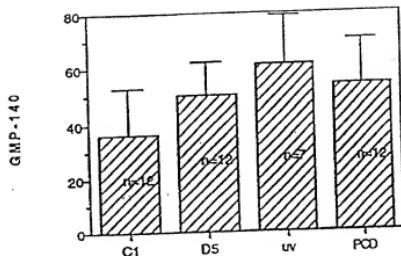


FIGURE 23C

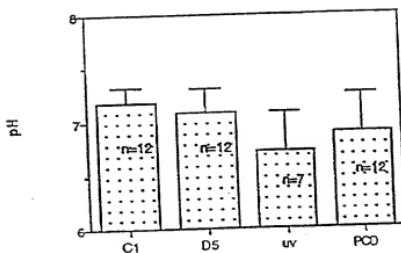


FIGURE 23D

205040-976TSOOT

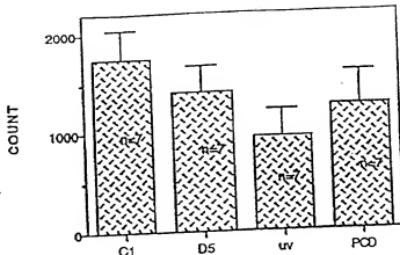


FIGURE 24A

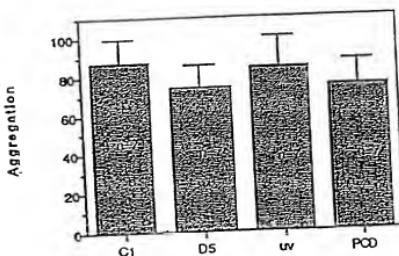


FIGURE 24B

2050410-9467500T

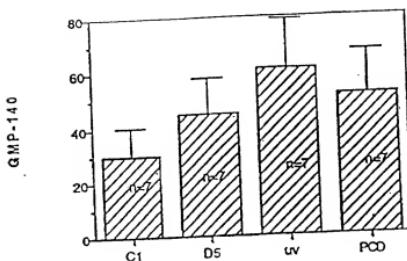


FIGURE 24C

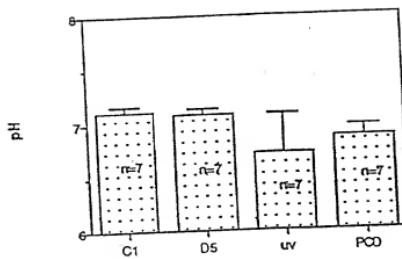


FIGURE 24D

205040-976TS007

Figure 25A

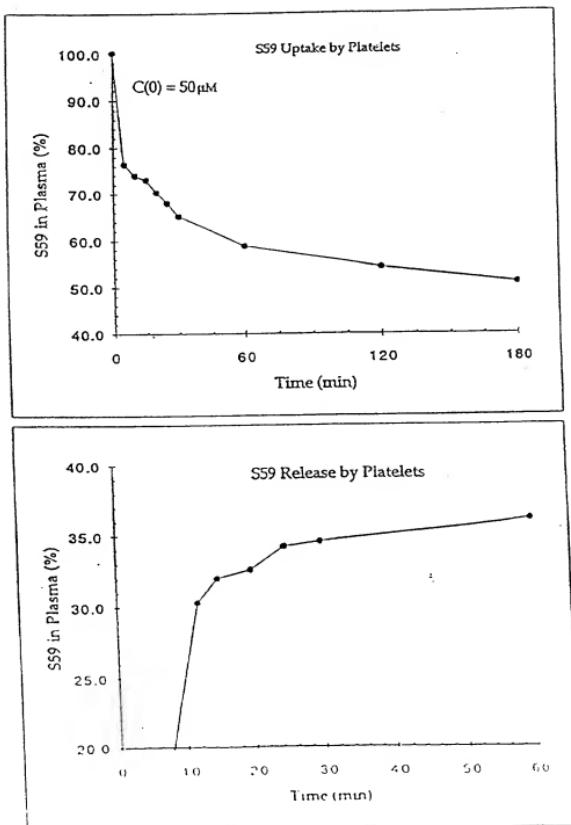


Figure 25B

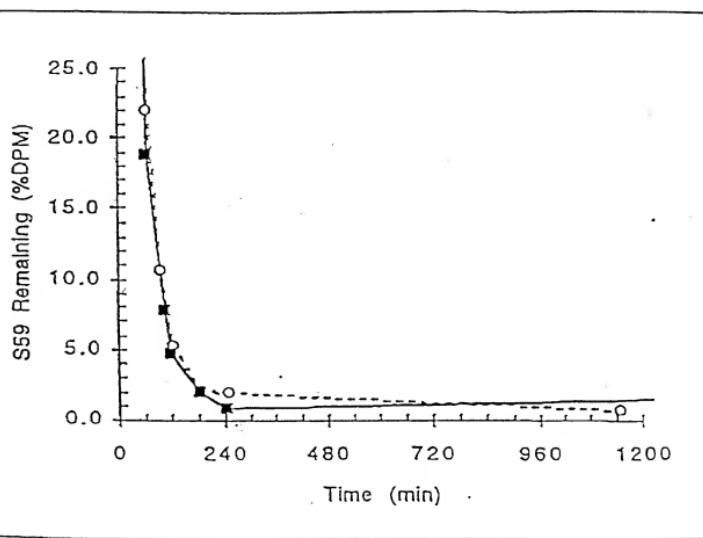


Figure 26

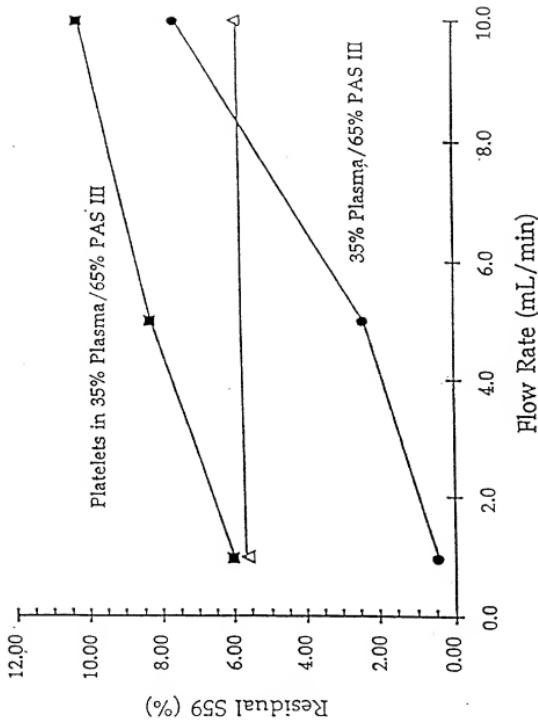


Figure 27

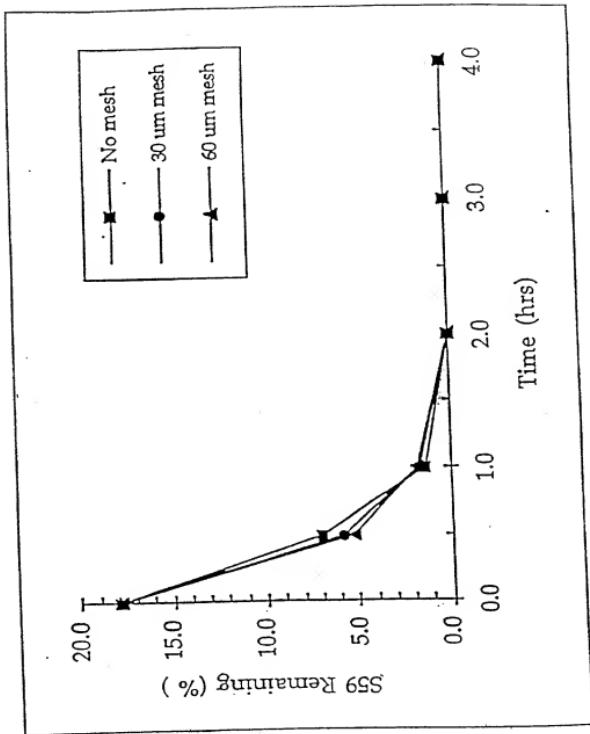


Figure 28A

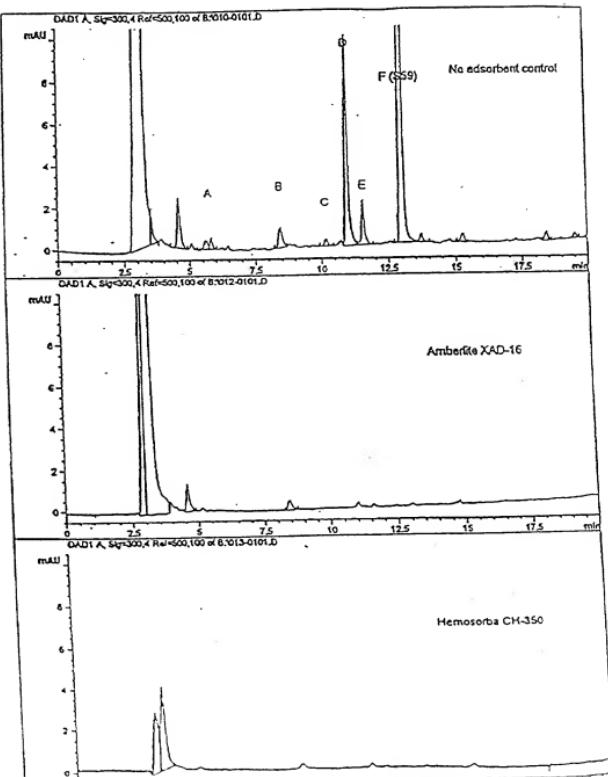


Figure 28B

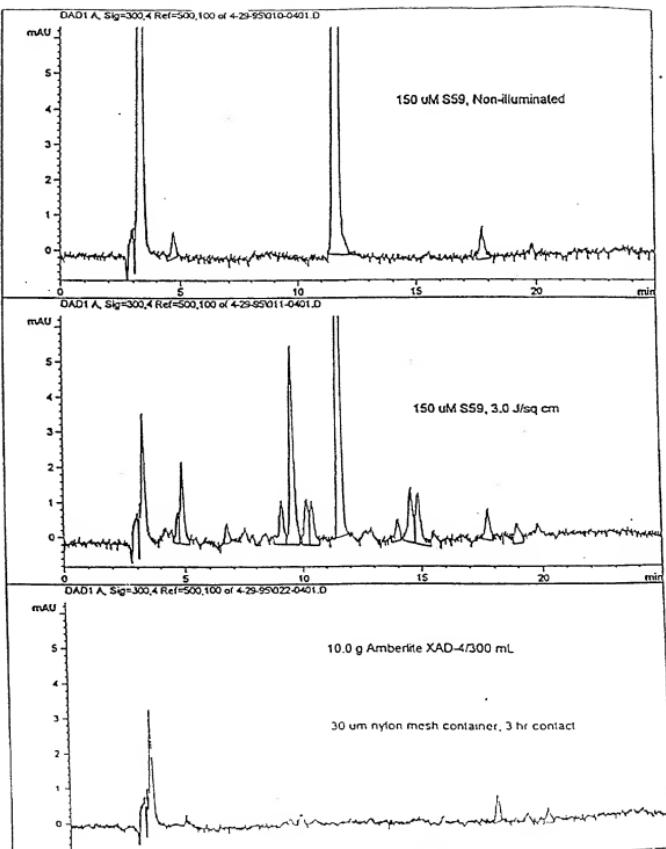
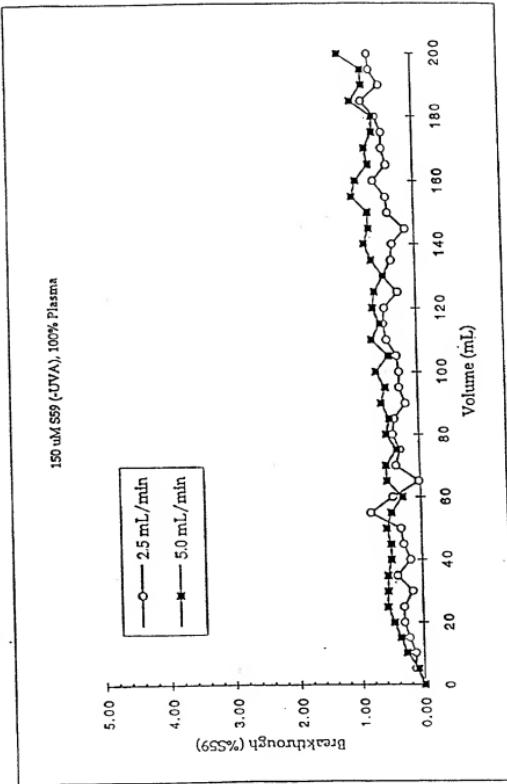
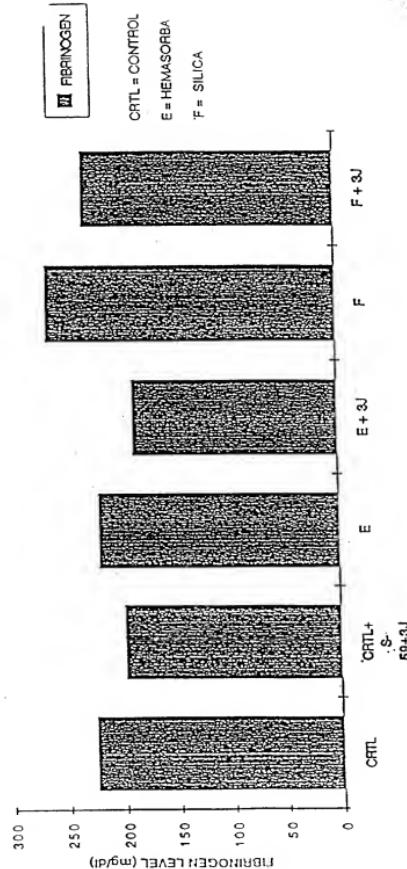


Figure 29

Flow Adsorption of S59 from 100% Plasma using Rezorian A161 (5 mL cartridge)

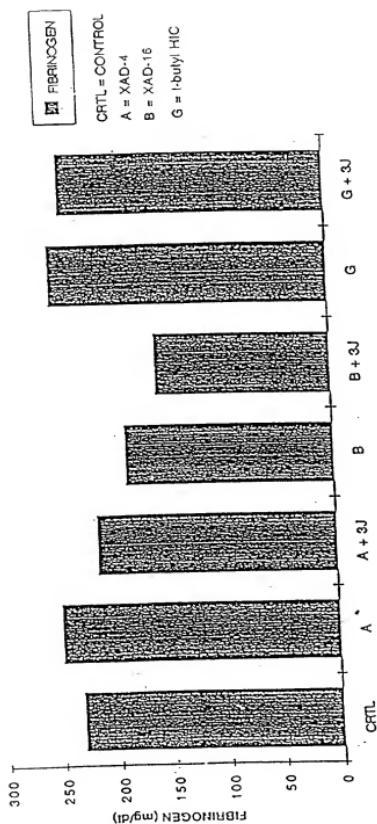


2050410 9/26/2007 3:30:00 PM
Figure 30A
FIBRINOGEN LEVEL AFTER S-59 PCD AND S-59 REMOVAL



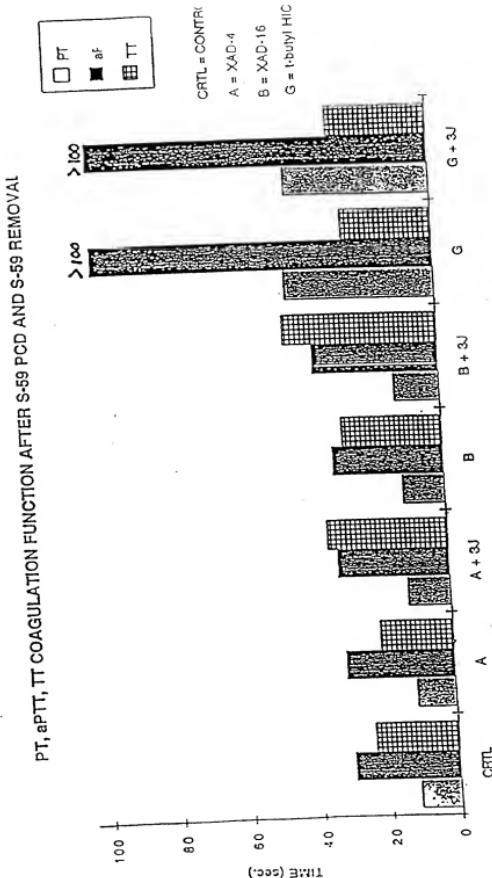
2050400-94675007

Figure 30B
FIBRINOGEN LEVEL AFTER S-59 PCD AND S-59 REMOVAL



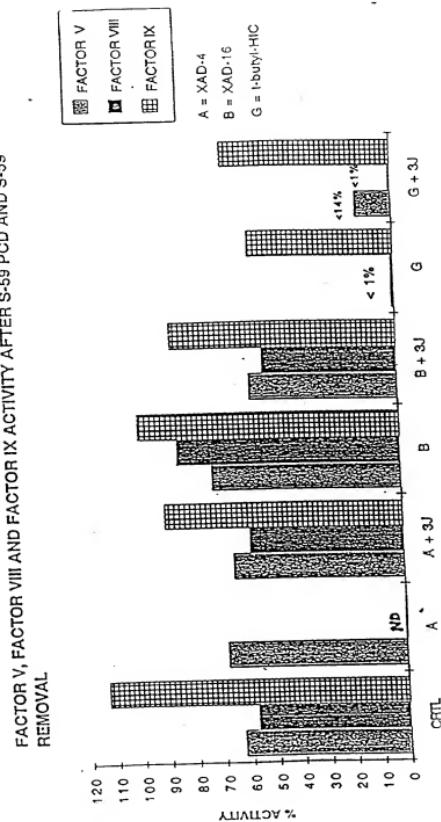
2050410" 9/26/5000

Figure 30C



205040° 94675007

Figure 30D



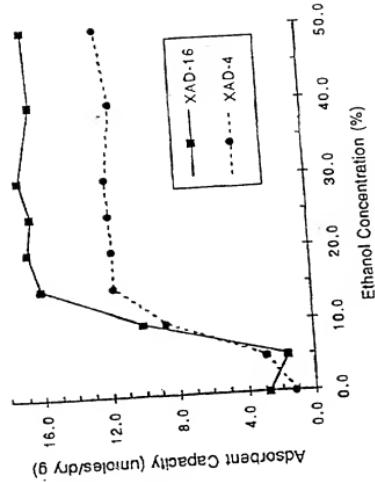


Figure 31

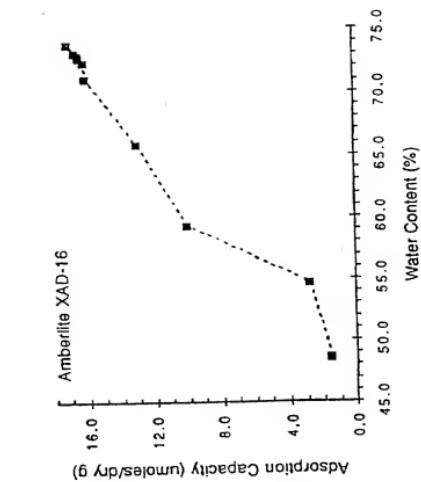


Figure 32

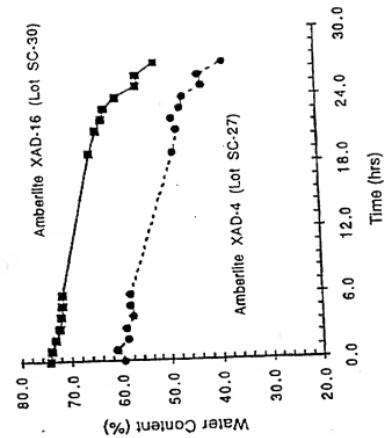


Figure 33

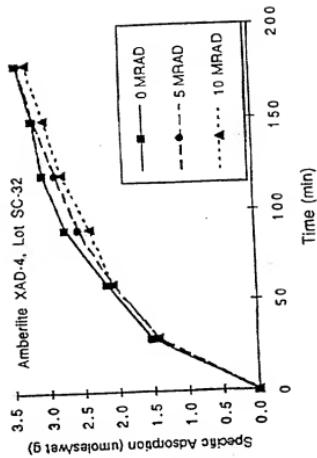


Figure 34-A

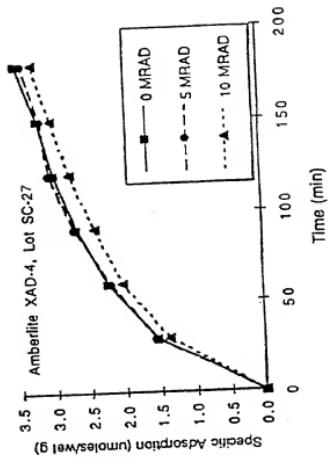


Figure 34-B

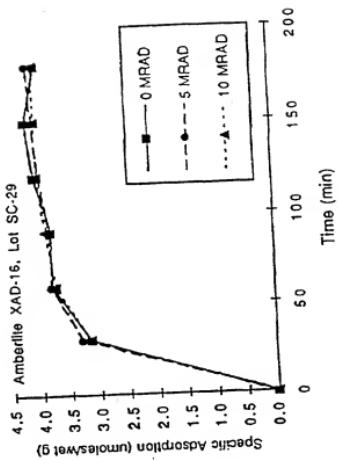


Figure 35-A

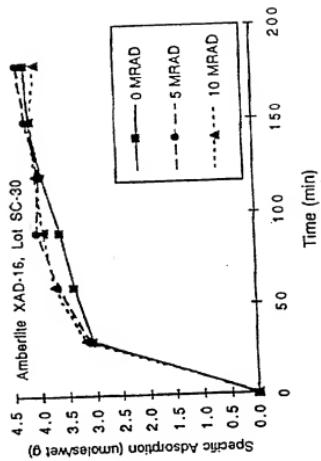


Figure 35-B

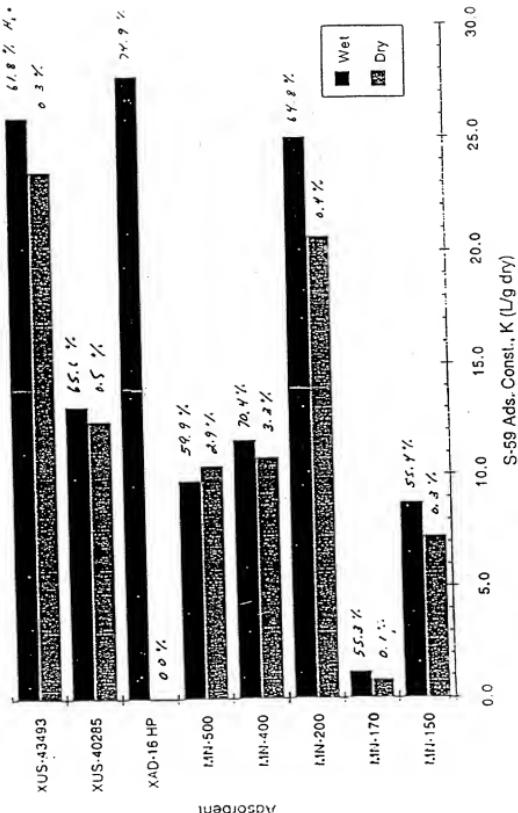


Figure 36

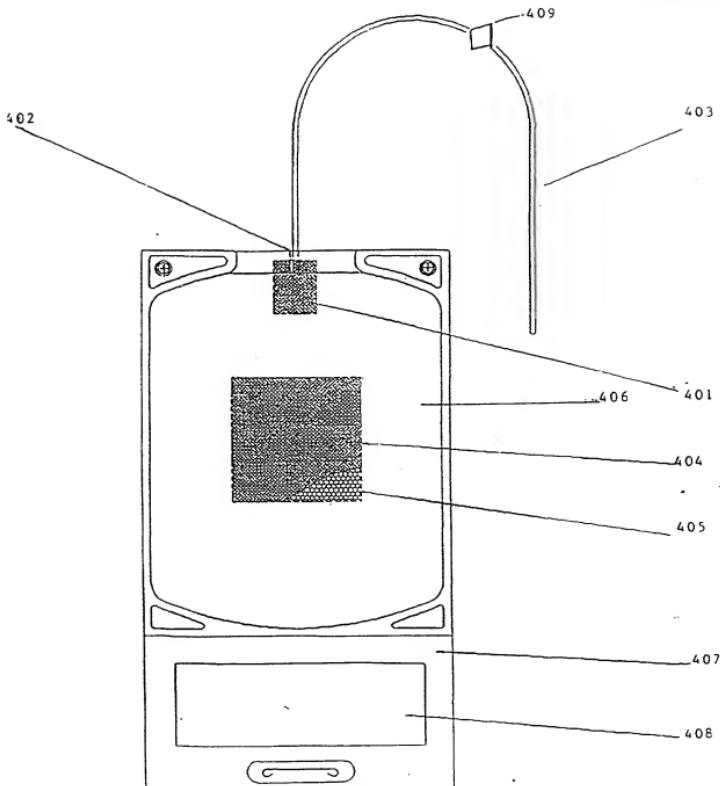


Figure 37

10051976-040502

Manufacture of Port Seal Subassembly		Manufacture of Filled Mesh Pouch	
A 1 Mesh (PL 1144 Plastic) arrives cleaned and cut to final dimension		B 1 Mesh (PL 1144 Plastic) arrives cleaned and cut to final dimension	
A 2 Mesh is folded longitudinally and sealed transversely forming port filter open on one end		B 2 Mesh is folded longitudinally and sealed transversely forming mesh bag, open on one end	
A 3 Port filter is sealed to port bushing completing port seal subassembly.		B 3 Mesh pouch is precision filled by weight with adsorbent beads and sealed closed	
		B 4 Pouches are cleaned in vacuum and subjected to 100% inspection.	

Figure 38

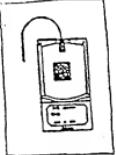
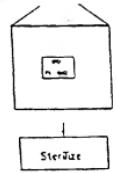
Manufacture of PL 2410 Plastic Container		Completion of SRD	
C1 Sides of the container are formed by RF welding 2 plies PL 2410 Plastic, leaving bottom open.		D1 Finished mesh pouch is inserted into C2, the bottom sealed is made, forming nonsterile SRD.	
C2 Port filter is integrated into port seal of		D2 SRD is labeled, inspected and placed in foil pouch.	
C3 Donor lead is sealed at the end and bonded inside port.		D3 Foil pouches (D2) are placed in cartons and subjected to gamma irradiation.	

Figure 38 continued

20050410-94650002

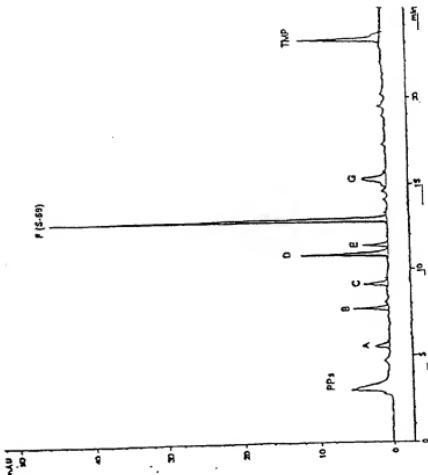


Figure 39

20050400-97655002

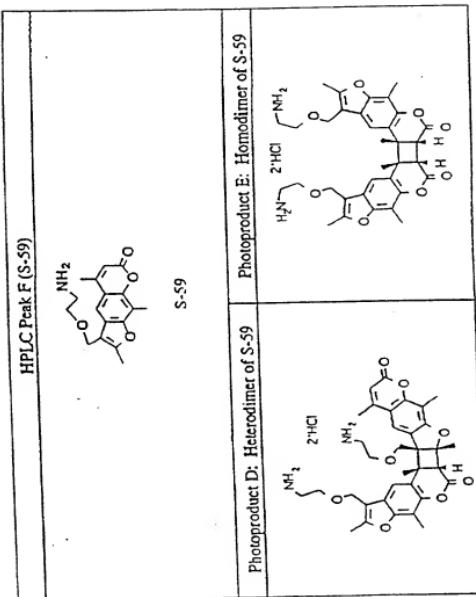


Figure 40

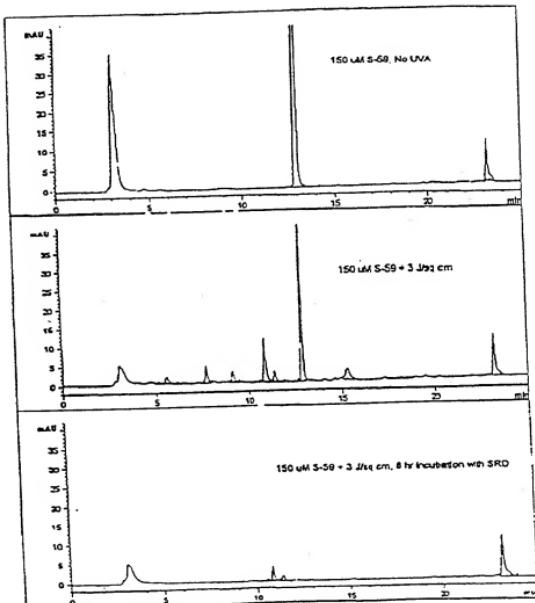


Figure 41

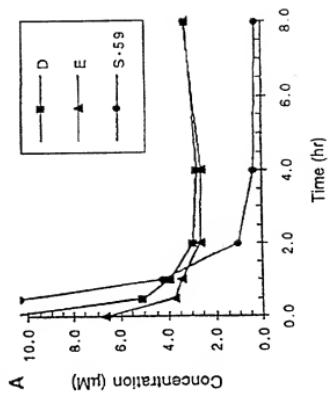


Figure 42

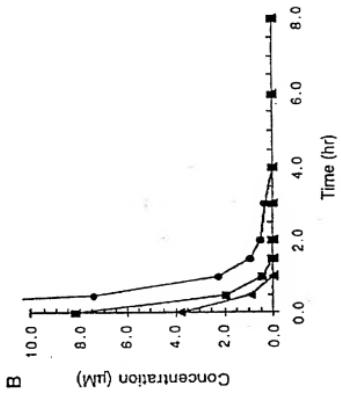


Figure 43

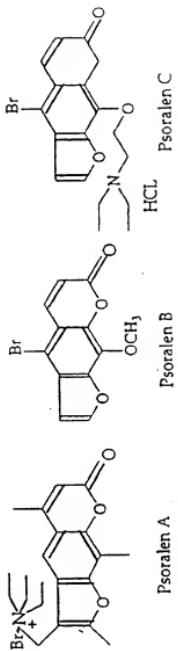


Figure 44